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Trudi Thompson
Trudi Thompson

Applicant : Atakan Peker, et al. Confirmation No. 9100
Application No. : 10/529,585
Filed : March 29, 2005
Title : INVESTMENT CASTING OF BULK-SOLIDIFYING AMORPHOUS ALLOYS

Grp./Div. : 1725
Examiner : Kuang Y. Lin

Docket No. : 51294/L471

INFORMATION DISCLOSURE STATEMENT WITH FEE
UNDER 37 CFR §§ 1.97(c) AND 1.17(p)

Mail Stop Amendment
Commissioner for Patents
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May 18, 2006

Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, and in accordance with the provisions in the Manual of Patent Examining Procedure §§ 609 and 707.05(b), enclosed is FORM PTO/SB/08A/B listing the references that are known to applicant. Copies of each of the references listed under "Foreign Patent Documents" and "Other Documents" are enclosed.

It is respectfully requested that the listed references be considered in the examination of this application and identified on the list of references cited on the patent issuing for this application. Applicant also requests that an initialed copy of FORM PTO/SB/08A/B be entered in the application file and returned to applicant with the next communication from the Office in accordance with MPEP § 609.

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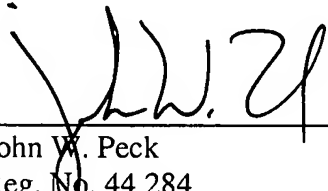
Application No. 10/529,585

The Commissioner is authorized to charge the processing fee of \$180 as required by 37 CFR § 1.17(p) to Deposit Account No. 03-1728. The Commissioner is hereby authorized to charge any fees which may be required by this paper to Deposit Account No. 03-1728. Please show our docket number with any Deposit Account transaction.

Respectfully submitted,


CHRISTIE, PARKER & HALE, LLP

By


John W. Peck
Reg. No. 44,284
626/795-9900

JWP/tt
Enclosures

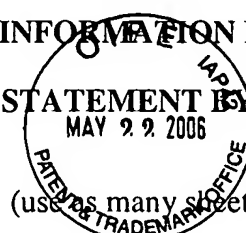
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FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	51294/L471
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use as many sheets as necessary)	Application Number	10/529,585
	Filing Date	March 29, 2005
	Applicant(s)	Atakan Peker et al.
	Group Art Unit	1725
	Examiner Name	Kuang Y. Lin

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	<u>DOCUMENT NUMBER</u> Number - Kind Code ² (If Known)	Publication Date MM-DD-YYYY	Name of Patentee
		2,190,611	02/13/1940	Sembdner
		4,115,682	09/19/1978	Kavesh et al.
		4,289,009	09/15/1981	Festag et al.
		4,472,955	09/25/1984	Nakamura et al.
		4,529,457	07/16/1985	Kushnick
		4,621,031	11/04/1986	Scruggs
		4,710,235	12/01/1987	Scruggs
		4,854,370	08/08/1989	Nakamura
		4,990,198	02/05/1991	Masumoto et al.
		5,032,196	07/16/1991	Masumoto et al.
		5,053,084	10/01/1991	Masumoto et al.
		5,053,085	10/01/1991	Masumoto et al.
		5,074,935	12/24/1991	Masumoto et al
		5,117,894	06/02/1992	Katahira
		5,131,279	07/21/1992	Lang et al.
		5,169,282	12/08/1992	Ueda et al.
		5,225,004	07/06/1993	O'Handley et al.
		5,288,344	02/22/1994	Peker et al.
		5,296,059	03/22/1994	Masumoto et al.
		5,306,463	04/26/1994	Horimura
		5,312,495	05/17/1994	Masumoto et al.
		5,324,368	06/28/1994	Masumoto et al.
		5,368,659	11/29/1994	Peker et al.
		5,390,724	02/21/1995	Yamauchi et al.

EXAMINER SIGNATURE	DATE CONSIDERED
<p>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. ³Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English Language Translation is attached.</p>	

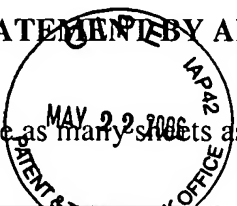
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U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (If Known)	Publication Date MM-DD-YYYY	Name of Patentee
		5,564,994	10/15/1996	Chang
		5,567,251	10/22/1996	Peker et al.
		5,589,012	12/31/1996	Hobby et al.
		5,618,359	04/08/1997	Lin et al.
		5,711,363	01/27/1998	Scruggs et al.
		5,735,975	04/07/1998	Lin et al.
		6,021,840	02/08/2000	Colvin
		US 6,325,868	12/04/2001	Kim et al.

FOREIGN PATENT DOCUMENTS					
EXAMINER INITIALS	Cite No. ¹	FOREIGN PATENT DOCUMENT Country Code ³ - Number ⁴ - Kind Code ⁵ (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶ (✓)
		JP 61238423 A	10/23/1986	Sumimoto Light Metal Ind. Ltd.	w/English Abstract
		GB 2236325 A	04/03/1991	Telkoku Piston Ring Co. Ltd.	
		EP 0494688 B1	07/15/1992	YKK Corporation	
		JP 2001303218	10/31/2001	Japan Sciencet Metal Ind. Ltd.	w/English Abstract

OTHER DOCUMENTS		
EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		Amiya et al., "Mechanical Strength and Thermal Stability of Ti-Based Amorphous Alloys with Large Glass-Forming Ability", 1994, Materials Science and Engineering, A179/A180, pp. 692-696.
		Author unknown, "Interbike Buyer Official Show Guide", 1995, 3 pages
		Brochure entitled ProCAST...not just for castings!, UES, Inc., 1 page.

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OTHER DOCUMENTS		
EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		Eshbach et al., "Section 12 - Heat Transfer", Handbook of Engineering Fundamentals, 3d ed., 1975, pp. 1113-1119
		Inoue et al., "Bulky La-Al-TM (TM=Transition Metal) Amorphous Alloys with High Tensile Strength Produced by a High-Pressure Die Casting Method", 1993, Materials Transactions, JIM, Vol. 34, No. 4, pp. 351-358
		Inoue et al., "Mg-Cu-Y Bulk Amorphous Alloys with High Tensile Strength Produced by a High-Pressure Die Casting Method", 1992, Materials Transactions, JIM, Vol. 33, No. 10, pp. 937-945
		Kato et al., "Production of Bulk Amorphous Mg ₈₅ Y ₁₀ Cu ₅ Alloy by Extrusion of Atomized Amorphous Powder", 1994, Materials Transactions, JIM, Vol. 35, No. 2, pp. 125-129
		Kawamura et al., "Full Strength Compacts by Extrusion of Glassy Metal Powder at the Supercooled Liquid State, October 2, 1995, Appl. Phys. Lett., Vol. 67, No. 14, pp. 2008-2010
		Lyman et al., Metals Handbook, Forging and Casting, 8th ed., 1970, Vol. 5, pp. 285-291 and 300-306
		Polk et al., "The Effect of Oxygen Additions on the Properties of Amorphous Transition Metal Alloys", Source and date unknown, pp. 220-230

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